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NOTICE OF ALLOWANCE AND FEE(S) DUE

24374

7590

09/10/2009

VOLPE AND KOENIG, P.C. DEPT. ICC UNITED PLAZA, SUITE 1600 30 SOUTH 17TH STREET PHILADELPHIA, PA 19103 EXAMINER

PATHAK, SUDHANSHU C

ART UNIT PAPER NUMBER

2611

DATE MAILED: 09/10/2009

APPLICATION NO.	APPLICATION NO. FILING DATE FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/618,227	07/11/2003	Jung-Lin Pan	I-2-0456.1US	4405

TITLE OF INVENTION: CHANNEL ESTIMATION METHOD AND APPARATUS USING FAST FOURIER TRANSFORMS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	12/10/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where m

opropriate. All further idicated unless correcte naintenance fee notifica	ed below or directed oth	g the Patent, advance on terwise in Block 1, by (a	rders and notification of specifying a new co	of m orresp	aintenance fees woondence address;	ill be i and/or	mailed to the current (b) indicating a sepa	correspon rate "FEE	dence address as ADDRESS" for
CURRENT CORRESPOND]	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, muthave its own certificate of mailing or transmission.					er accompanying		
VOLPE AND DEPT. ICC UNITED PLAZ			Cort	ificato	of Mailing or Transi) Transmittal is being ficient postage for firs ISSUE FEE address (1) 273-2885, on the da	nission deposited t class ma above, or ate indicate	l with the United il in an envelope being facsimile ed below.		
30 SOUTH 17TI PHILADELPHI									(Depositor's name)
	,								(Signature)
			l						(Date)
APPLICATION NO.	PPLICATION NO. FILING DATE			FIRST NAMED INVENTOR			ATTORNEY DOCKET NO. CONFIRMAT		
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nonprovisional	NO	\$1510	\$300	\$0 \$1810		\$1810	1	2/10/2009	
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PATHAK, SU	DHANSHU C	2611	375-139000						
Change of corresponde FR 1.363). Change of corresp Address form PTO/SE "Fee Address" ind. PTO/SB/47; Rev 03-0 Number is required.	(1) the names of up or agents OR, altern (2) the name of a sregistered attorney 2 registered patent	rinting on the patent front page, list names of up to 3 registered patent attorneys ts OR, alternatively, and attorney or agent) and the names of up to ered patent attorneys or agents. If no name is o name will be printed.							
PLEASE NOTE: Unl recordation as set forti (A) NAME OF ASSIG	less an assignee is ident h in 37 CFR 3.11. Comp GNEE	A TO BE PRINTED ON The strength of the second of this form is NO categories (will not be presented to the second of the second o	data will appear on th T a substitute for filing (B) RESIDENCE: (C	ne par gan a	tent. If an assigne ssignment. and STATE OR C	OUNT	RY)		
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a. The following fee(s):			D. Payment of Fee(s): (1	ed.				snown abc	(Ne)
Publication Fee (N Advance Order - #	Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).					or credit any by of this form).			
	tus (from status indicated s SMALL ENTITY statu		☐ b. Applicant is no	long	er claiming SMAL	L ENT	CITY status. See 37 CF	R 1.27(g)	o(2).
OTE: The Issue Fee and terest as shown by the i	d Publication Fee (if requeecords of the United Sta	iired) will not be accepted tes Patent and Trademark	d from anyone other th Office.	an th	e applicant; a regis	tered a	ttorney or agent; or th	e assignee	or other party in
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application. Confident bmitting the completed is form and/or suggesti	tiality is governed by 35 d application form to the ions for reducing this but irginia 22313-1450. DC	FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to the NOT SEND FEES OR (1.14. This collection is depending upon the in eChief Information Of	s esti: ndivi fficer	mated to take 12 n dual case. Any con . U.S. Patent and 1	ninutes mment Fraden	to complete, including s on the amount of time park Office, U.S. Depa	g gathering ne you req rtment of	g, preparing, and quire to complete Commerce, P.O.

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DEPT. ICC		ART UNIT	PAPER NUMBER		
UNITED PLAZA,	SUITE 1600	2611			
30 SOUTH 17TH S	STREET	DATE MAILED: 09/10/2009			
PHILADELPHIA.	PA 19103				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 1200 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 1200 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)				
	10/618,227	PAN ET AL.				
Notice of Allowability	Examiner	Art Unit				
	SUDHANSHU C. PATHAK	2611				
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	ears on the cover sheet with the of (OR REMAINS) CLOSED in this appropriate communication is subject.	correspondence address pplication. If not included on will be mailed in due course. THIS				
1. This communication is responsive to <u>06/12/2009</u> .						
2. \boxtimes The allowed claim(s) is/are <u>3, 8, 13 & 18 and re-numbered</u>	l as claims 1-to-4 respectively.					
 3. ☐ Acknowledgment is made of a claim for foreign priority une a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have 						
2. Certified copies of the priority documents have	e been received in Application No.					
3. Copies of the certified copies of the priority do	cuments have been received in this	s national stage application from the				
International Bureau (PCT Rule 17.2(a)).						
* Certified copies not received:						
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		y complying with the requirements				
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give						
5. CORRECTED DRAWINGS (as "replacement sheets") must	st be submitted.					
(a) ☐ including changes required by the Notice of Draftspers	son's Patent Drawing Review(PTC	0-948) attached				
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date						
(b) ☐ including changes required by the attached Examiner'Paper No./Mail Date	s Amendment / Comment or in the	Office action of				
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t						
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT						
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5.	Patent Application				
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)	6. 🛛 Interview Summar	y (PTO-413),				
3. Information Disclosure Statements (PTO/SB/08),	Paper No./Mail Da 7. ⊠ Examiner's Amend					
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit	8. 🛛 Examiner's Statem	8. X Examiner's Statement of Reasons for Allowance				
of Biological Material	9.					